SEQUENCE LISTING

<110> Robbins, Paul D. Frizzell, Raymond Mi, Zhibao Sun, Fei <120> POLYPEPTIDES FOR INCREASING MUTANT CFTR CHANNEL ACTIVITY <130> AP35301 072396.0261 <150> 60/407,461 <151> 2002-08-30 <160> 20 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 12 <212> PRT <213> Artificial Sequence <220> <223> PTD-4 <400> 1 Pro Ile Arg Arg Lys Lys Leu Arg Arg Leu Lys 5 <210> 2 <211> 12 <212> PRT <213> Artificial Sequence <220> <223> PTD-5 <400> 2 Arg Arg Gln Arg Arg Thr Ser Lys Leu Met Lys Arg 5 <210> 3 <211> 11 <212> PRT <213> Artificial Sequence

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg

<220> <223> TAT

<400> 3

```
<210> 4
<211> 16
<212> PRT
<213> Artificial Sequence
<220>
<223> Ant
<400> 4
Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
                                   10
        5
<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> 4R
<400> 5
Arg Arg Arg Arg
<210> 6
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> 6R
<400> 6
Arg Arg Arg Arg Arg
<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence
<220>
<223> 8R
<400> 7
Arg Arg Arg Arg Arg Arg Arg
<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<223> 10R
```

```
<400> 8
Arg Arg Arg Arg Arg Arg Arg Arg
<210> 9
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> 12R
<400> 9
Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
                5
<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> 4K
<400> 10
Lys Lys Lys
<210> 11
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> 6K
<400> 11
Lys Lys Lys Lys Lys
<210> 12
<211> 8
<212> PRT
<213> Artificial Sequence
<220>
<223> 8K
<400> 12
Lys Lys Lys Lys Lys Lys
<210> 13
```

```
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<223> 10K
<400> 13
Lys Lys Lys Lys Lys Lys Lys Lys
<210> 14
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> 12K
<400> 14
Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
<210> 15
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223> 5RQ
<400> 15
Arg Arg Gln Arg Arg
<210> 16
<211> 8
<212> PRT
<213> Artificial Sequence
<220>
<223> 8RQ
<400> 16
Arg Arg Gln Arg Arg Gln Arg Arg
<210> 17
<211> 11
<212> PRT
<213> Artificial Sequence
<220>
<223> 11RQ
```

```
<400> 17
Arg Arg Gln Arg Arg Gln Arg Arg Arg
    5
<210> 18
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> control, Con P
<400> 18
Ala Arg Pro Leu Glu His Gly Ser Asp Lys Ala Thr
                                  10
               5
<210> 19
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> AWP-1
<400> 19
Thr Leu Pro Ser Pro Leu Ala Leu Leu Thr Val His
               5
1
<210> 20
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> ACP-1
<400> 20
Asp Pro Ala Thr Asn Pro Gly Pro His Phe Pro Arg
```

. . .